

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Krantz et al.
Serial No.: 10/690,237
Filed: October 20, 2003
Entitled: Method and Apparatus to Effectively
Reduce a Non-Active Detection Gap of
an Optical Sensor

Examiner: Not Yet Assigned
Group Art Unit: 2877
Conf. No.: 4932

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated above in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Roberta L. Hahn

Name of Person Mailing Paper

Signature of Person Mailing Paper

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Commissioner for Patents
P.O. Box 1450
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§§ 1.56, 1.97 AND 1.98

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents, as well as, for the Examiner's convenience, copies of all foreign patent documents and non-patent literature are enclosed. This application was filed after June 30, 2003, and copies of U.S. patents and U.S. patent applications are not required and are not enclosed.

Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

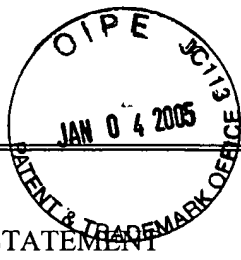
Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Date: 30 Dec 2003

Respectfully submitted,

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 USPTO Form 1449 U.S. Department of Commerce
 Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT

Attorney Docket No.

17031/2022

Serial No.

10/690,237

Applicant(s): Krantz et al.

Filing Date: October 20, 2003

Group: 4932

U.S. PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	1	4,573,082	02/25/1986	Jeskey	358	250	01/16/1984
	2	4,674,834	06/23/1987	Margolin	350	96.25	02/17/1984
	3	4,748,680	05/31/1988	Margolin	382	65	08/08/1986
	4	4,871,228	10/03/1989	Roos	350	96.25	02/07/1986
	5	4,904,049	02/27/1990	Hegg	350	96.27	09/01/1988
	6	5,061,036	10/29/1991	Gordon	385	116	07/06/1990
	7	5,729,640	03/17/1998	Castonguay	382	321	06/07/1995

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation	
							YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**Copies of references not provided at the time of this submission.